```
pipeline {
    agent any

    stages {
        stage('Build') {
            steps {
                echo 'Building...'
                // Specify build tool
                echo 'Using Maven to build the project.'
            }
        }
        stage('Unit and Integration Tests') {
            steps {
                echo 'Running Unit and Integration Tests...'
                // Specify test automation tools
                echo 'Using JUnit for unit tests and Selenium for
integration tests.'
            }
        }
        stage('Code Analysis') {
            steps {
                echo 'Performing Code Analysis...'
                // Specify code analysis tool
                echo 'Using SonarQube for code analysis.'
            }
        }
        stage('Security Scan') {
            steps {
                echo 'Performing Security Scan...'
                // Specify security scan tool
                echo 'Using OWASP Dependency-Check for security
scanning.'
            }
        }
        stage('Deploy to Staging') {
            steps {
                echo 'Deploying to Staging...'
                // Specify deployment steps
                echo 'Deploying to AWS EC2 instance.'
            }
        }
        stage('Integration Tests on Staging') {
            steps {
                echo 'Running Integration Tests on Staging...'
                // Specify integration test steps
                echo 'Using Selenium for integration tests on staging
environment.'
            }
        }
        stage('Deploy to Production') {
            steps {
                echo 'Deploying to Production...'
                // Specify deployment steps
                echo 'Deploying to AWS EC2 instance.'
            }
        }
    }
```

```
    post {
        always {
            mail to: "burnoutqueen420@gmail.com",
            subject: "Jenkins Build ${currentBuild.currentResult}:
Job ${env.JOB_NAME}",
            body: "${currentBuild.currentResult}: Job ${env.JOB_NAME}
build ${env.BUILD_NUMBER}\n More info at: ${env.BUILD_URL}"
        }
    }
}
```